

TAKAHASHI et al

JUN 26 2003

Group Art Unit: 1765

Serial No. 09/936,818

Examiner: Song

Filed: September 18, 2001

Date: June 26, 2003

Title: CRYSTAL GROWTH METHOD, PRODUCTION METHOD OF SEMICONDUCTOR MICROSTRUCTURE, SEMICONDUCTOR DEVICE AND SYSTEM

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

**RESPONSE/AMENDMENT/LETTER**

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

 **Correspondence Address Indication Form Attached.****Fees are attached as calculated below:**

Total effective claims after amendment	113	minus highest number		
previously paid for	113	(at least 20) =	0	x \$ 18.00
				\$ 0.00

Independent claims after amendment	4	minus highest number		
previously paid for	4	(at least 3) =	0	x \$ 84.00
				\$ 0.00

If proper multiple dependent claims now added for first time, add \$280.00 (ignore improper)		\$ 0.00
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Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$410.00/2 months; \$930.00/3 months)		\$ 110.00
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Terminal disclaimer enclosed, add \$ 110.00		\$ 0.00
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<input type="checkbox"/> First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$750.00)		\$ 0.00
<input type="checkbox"/> Please enter the previously unentered , filed		
<input type="checkbox"/> Submission attached		

<b>Subtotal</b>	\$ 110.00
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If "small entity," then enter half (1/2) of subtotal and subtract		-\$ 0.00
<input type="checkbox"/> Applicant claims "small entity" status. <input type="checkbox"/> Statement filed herewith		

Rule 56 Information Disclosure Statement Filing Fee (\$180.00)		\$ 0.00
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Assignment Recording Fee (\$40.00)		\$ 0.00
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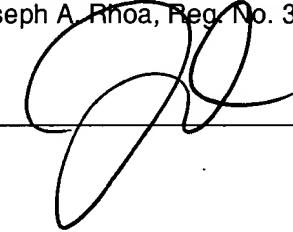
Other:		0.00
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<b>TOTAL FEE ENCLOSED</b>	\$ 110.00
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The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

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NIXON & VANDERHYE P.C.  
 By Atty: Joseph A. Rhoa, Reg. No. 37,515

Signature: 

06/30/2003 BABRAHA1 00000091 09936818

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110.00 OP



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

TAKAHASHI et al

Atty. Ref.: 829-585

Serial No. 09/936,818

Group: 1765

Filed: September 18, 2001

Examiner: Song

For: CRYSTAL GROWTH METHOD, PRODUCTION METHOD OF  
SEMICONDUCTOR MICROSTRUCTURE, SEMICONDUCTOR DEVICE AND  
SYSTEM

\* \* \* \* \*

June 26, 2003

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**AMENDMENT**

Responsive to the Official Action dated February 26, 2003 (for which petition is hereby made for a one month extension of time), please amend the above-identified application as follows:

**IN THE CLAIMS**

Please substitute the following amended claim(s) for corresponding claim(s) previously presented. A copy of the amended claim(s) showing current revisions is attached.

29. (Amended) A crystal growth method for adding or crystallizing nitrogen in a crystal supported by a substrate, comprising:

*B1*  
supplying aluminum and ammonium ( $NH_3$ ) to a surface of the crystal,